

WHAT IS CLAIMED IS:

1 1. A folding type portable communication device,
2 comprising:

3 two communication units connected to each other in
4 a foldable manner and having a folded position and an
5 unfolded position;

6 a two-level switch for detecting which one of the
7 folded and unfolded position the two communication units
8 have, the switch providing a first level when the two
9 communication units have the folded position and a second
10 level when the two communication units have the unfolded
11 position;

12 a vibrator;

13 a sounder;

14 a mode selector operatively coupled with the two
15 level switch, the vibrator and the sounder for
16 selectively providing setting for one of a calling
17 reception vibration mode and a calling reception sound
18 mode in response to the level provided by the two-level
19 switch,

20 the mode selector including a first circuit for
21 driving the vibrator when energized and a second circuit
22 for driving the sounder when energized,

23 the mode selector including a controller for
24 energizing the first circuit upon reception of a calling
25 when the setting for the calling reception vibration mode
26 is provided and the second circuit upon reception of a
27 calling when the setting for the calling reception sound
28 mode is provided.

1 2. A folding type portable communication device as
2 claimed in claim 1, wherein the controller energizes the
3 first circuit upon reception of a calling when the

4 two-level switch provides the first level indicating
5 that the two communication units have the folded position,
6 and where the controller energizes the second controller
7 upon reception of a calling when the two-level switch
8 provides the second level indicating that the two
9 communication units have the unfolded position.

1 3. A folding type portable communication device as
2 claimed in claim 1, wherein the controller energizes the
3 first circuit upon reception of a calling when the
4 two-level switch provides the second level indicating
5 that the two communication units have the unfolded
6 position, and where the controller energizes the second
7 controller upon reception of a calling when the two-level
8 switch provides the first level indicating that the two
9 communication units have the folded position.

1 4. A folding type portable communication device as
2 claimed in claim 1, wherein the mode selector includes
3 a memory coupled with the controller, and wherein the
4 memory stores the settings for the calling reception
5 vibration mode and calling reception sound mode.

1 5. A folding type portable communication device as
2 claimed in claim 1, wherein the two-level switch includes
3 a magnet mounted within one of the two communication
4 units and a detector mounted within the other
5 communication unit for detecting a magnetic field
6 provided by the magnet.

1 6. A folding type portable communication device as
2 claimed in claim 5, wherein the magnet is brought into
3 registry with the detector when the two communication
4 units have the folded position.

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- 1 7. A method of controlling a selection between a
 - 2 calling reception vibration mode and a calling reception
 - 3 sound mode of a folding type portable communication
 - 4 device that has two communication units connected to each
 - 5 other in a foldable manner and having a folded position
 - 6 and an unfolded position, the method comprising;
 - 7 detecting which one of the folded and unfolded
 - 8 position the two communication units have;
 - 9 providing setting for the calling reception
 - 10 vibration mode upon detecting the folded position; and
 - 11 providing setting for the calling reception sound
 - 12 mode upon detecting the unfolded position.